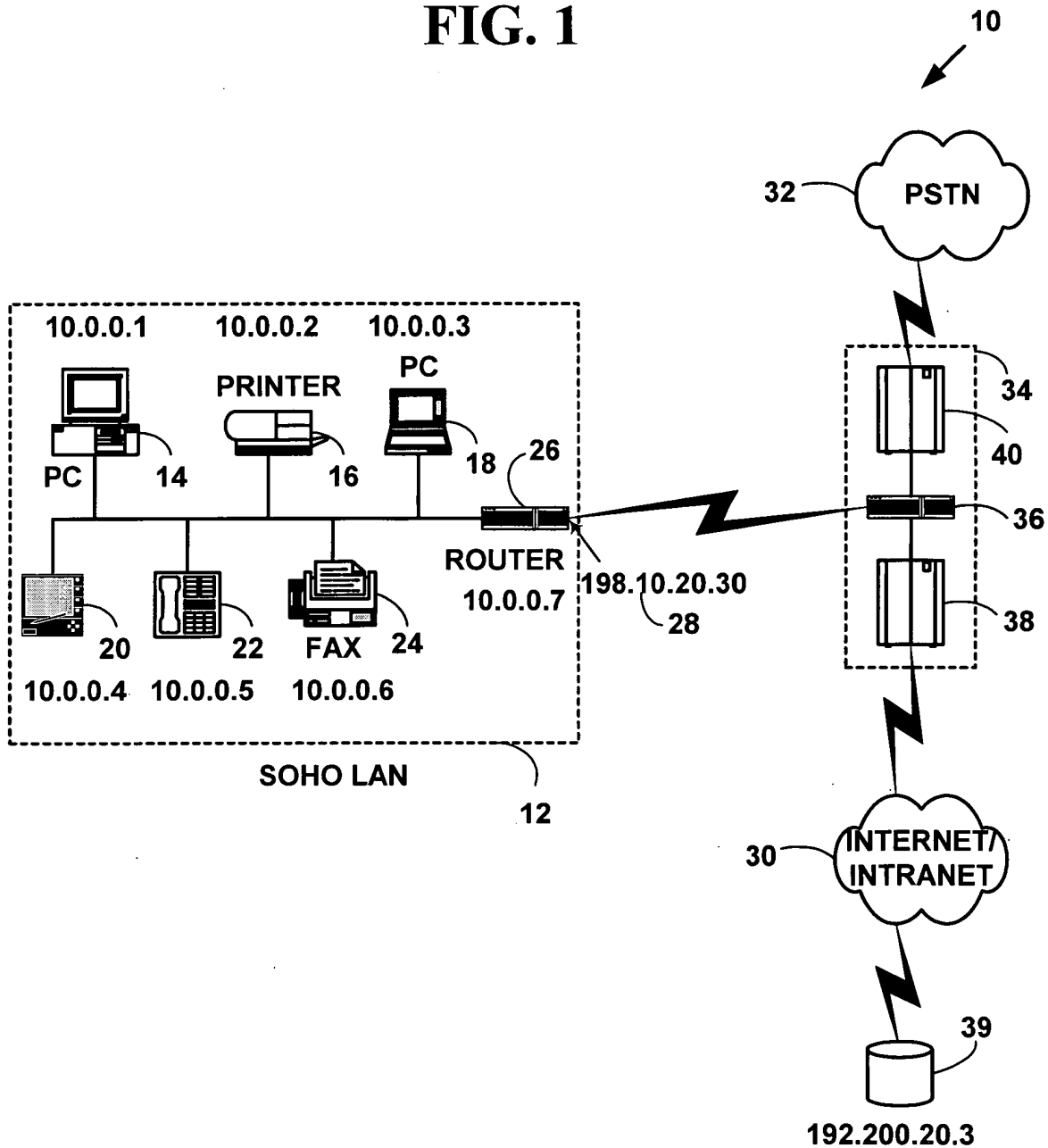


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

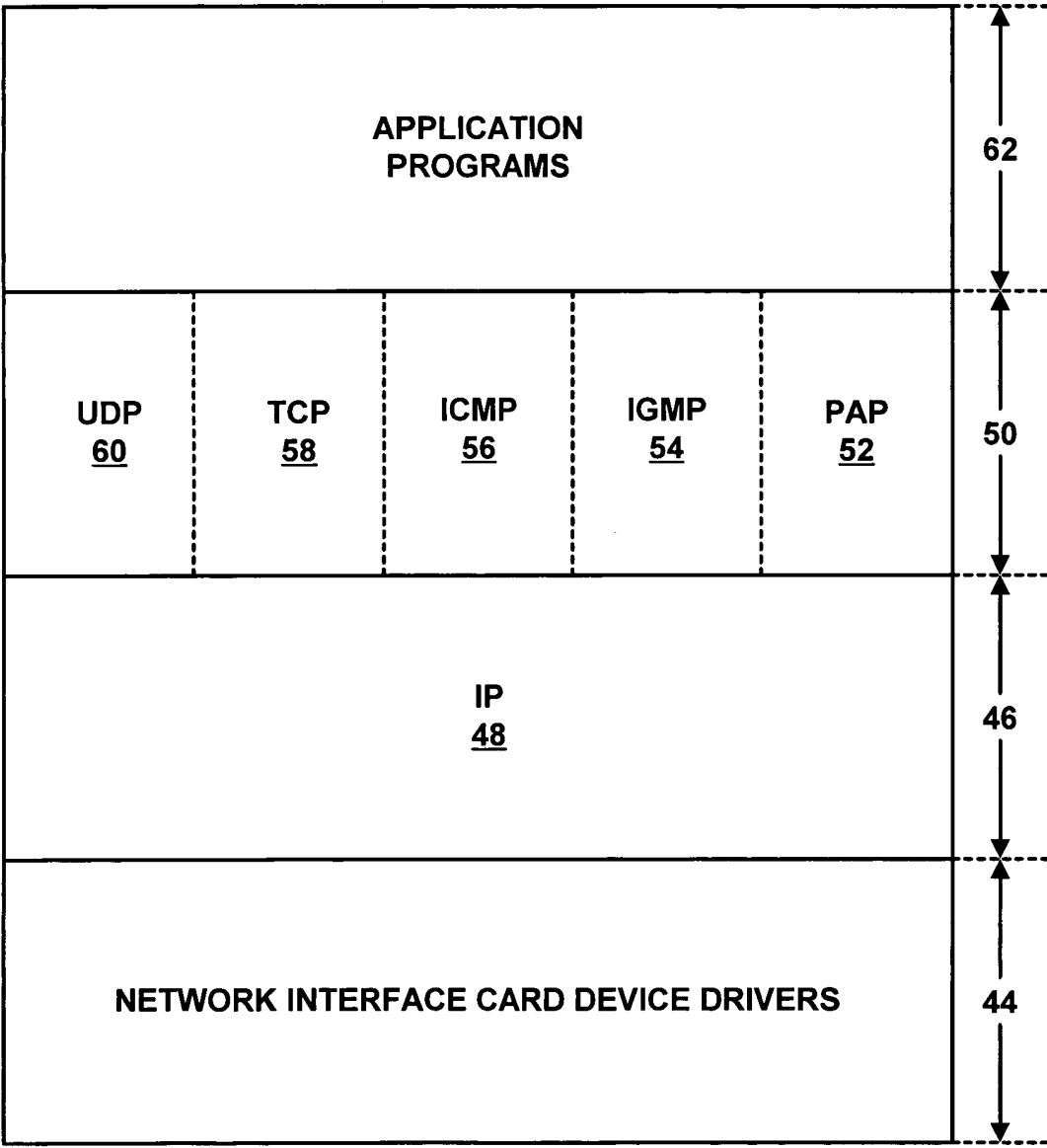
FIG. 1



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FIG. 2
PROTOCOL STACK

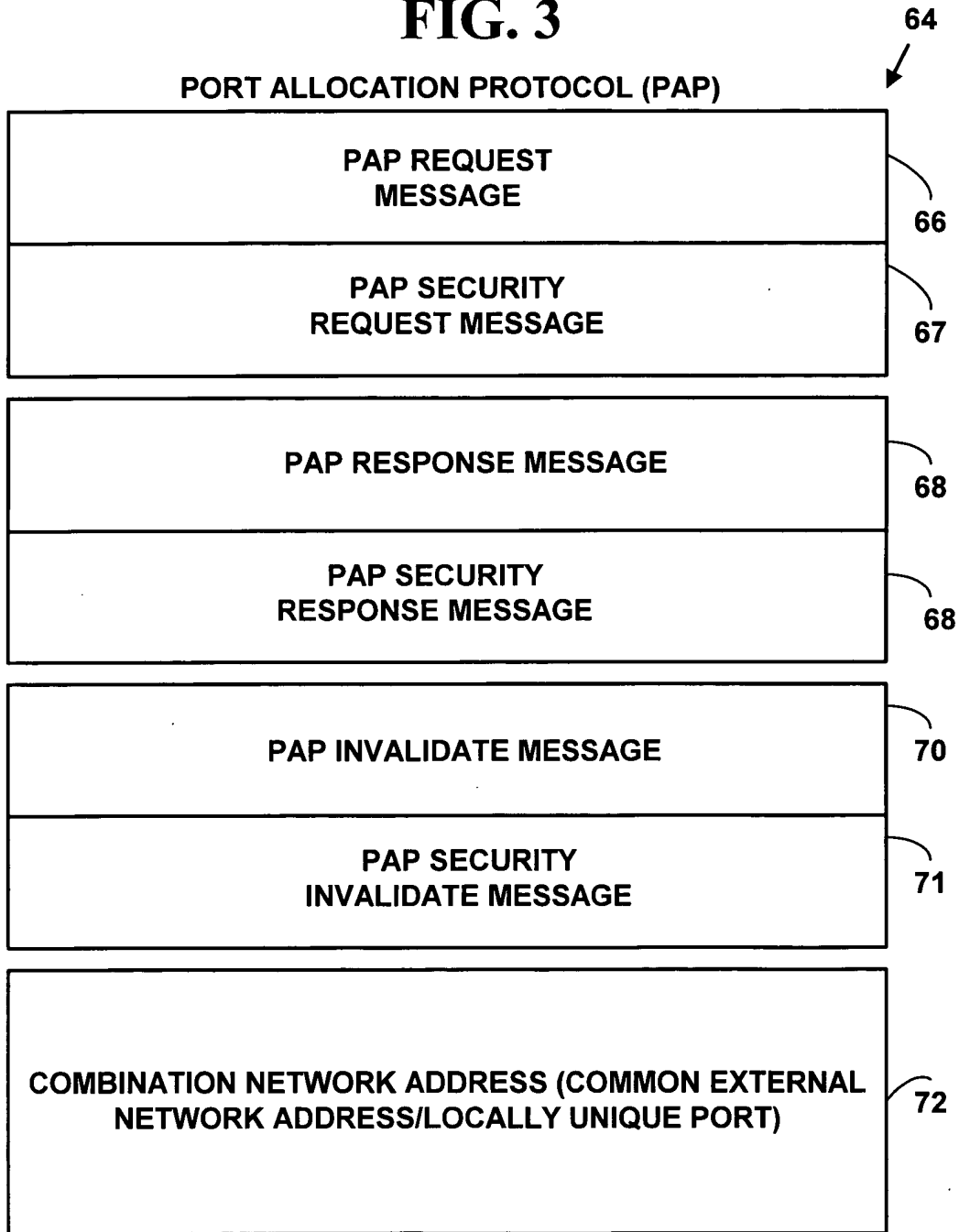
42
↙



0927037 0379 662FE0 2502260

FIG. 3

PORT ALLOCATION PROTOCOL (PAP)



65/21E0" 2960/2260

FIG. 4

PAP REQUEST MESSAGE LAYOUT

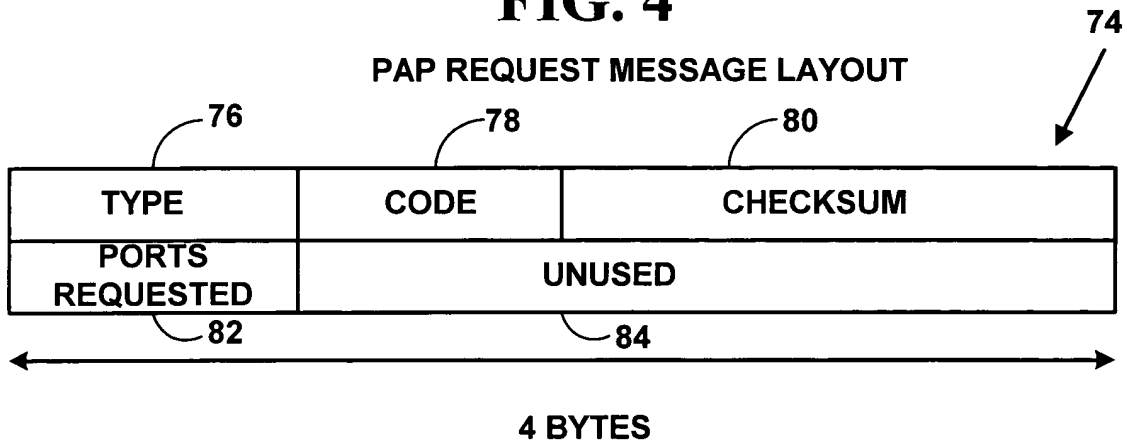


FIG. 5

PAP RESPONSE MESSAGE LAYOUT

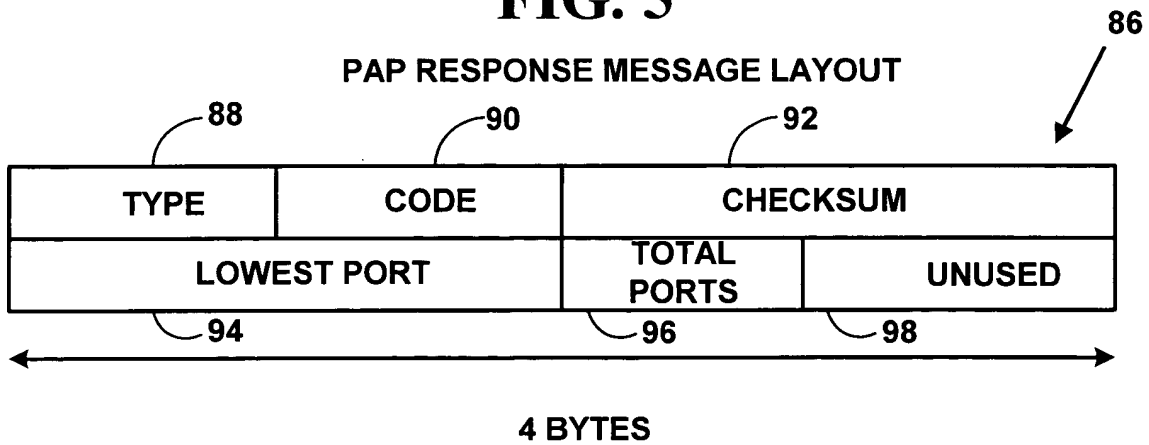
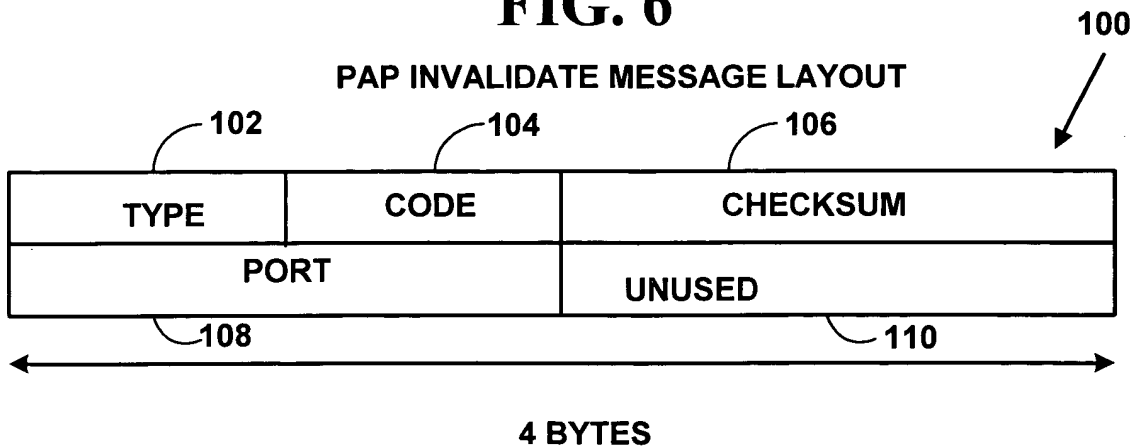


FIG. 6

PAP INVALIDATE MESSAGE LAYOUT



6627ED-29602260

FIG. 4A

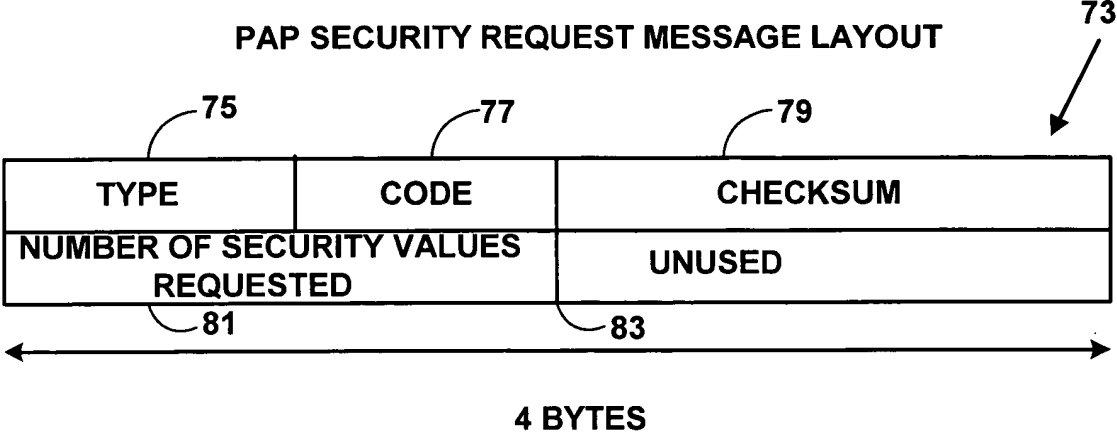


FIG. 5A

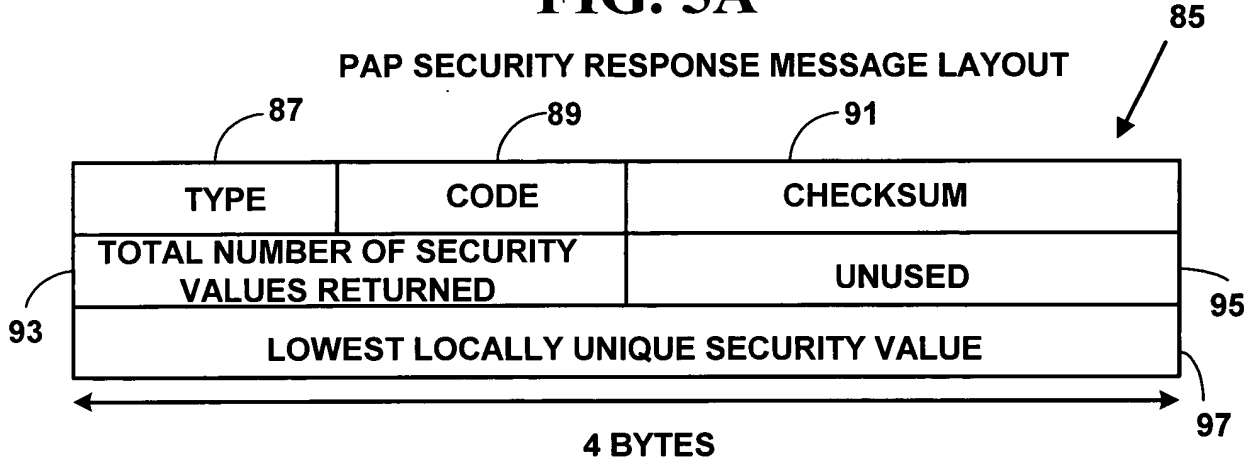


FIG. 6A

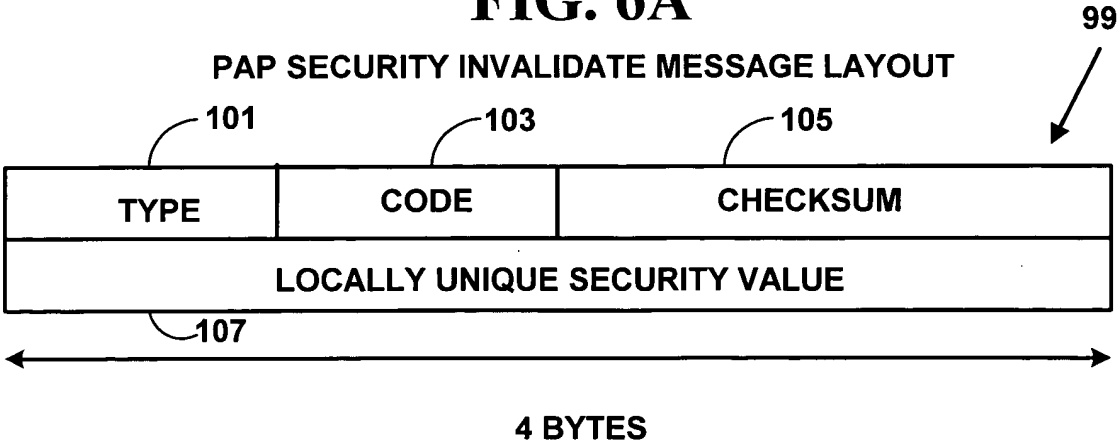


FIG. 7

114 COMBINATION NETWORK ADDRESS 116 112

EXTERNAL NETWORK ADDRESS (E.G., EXTERNAL IP ADDRESS)	LOCALLY UNIQUE PORT
198.10.20.30	1032

FIG. 8

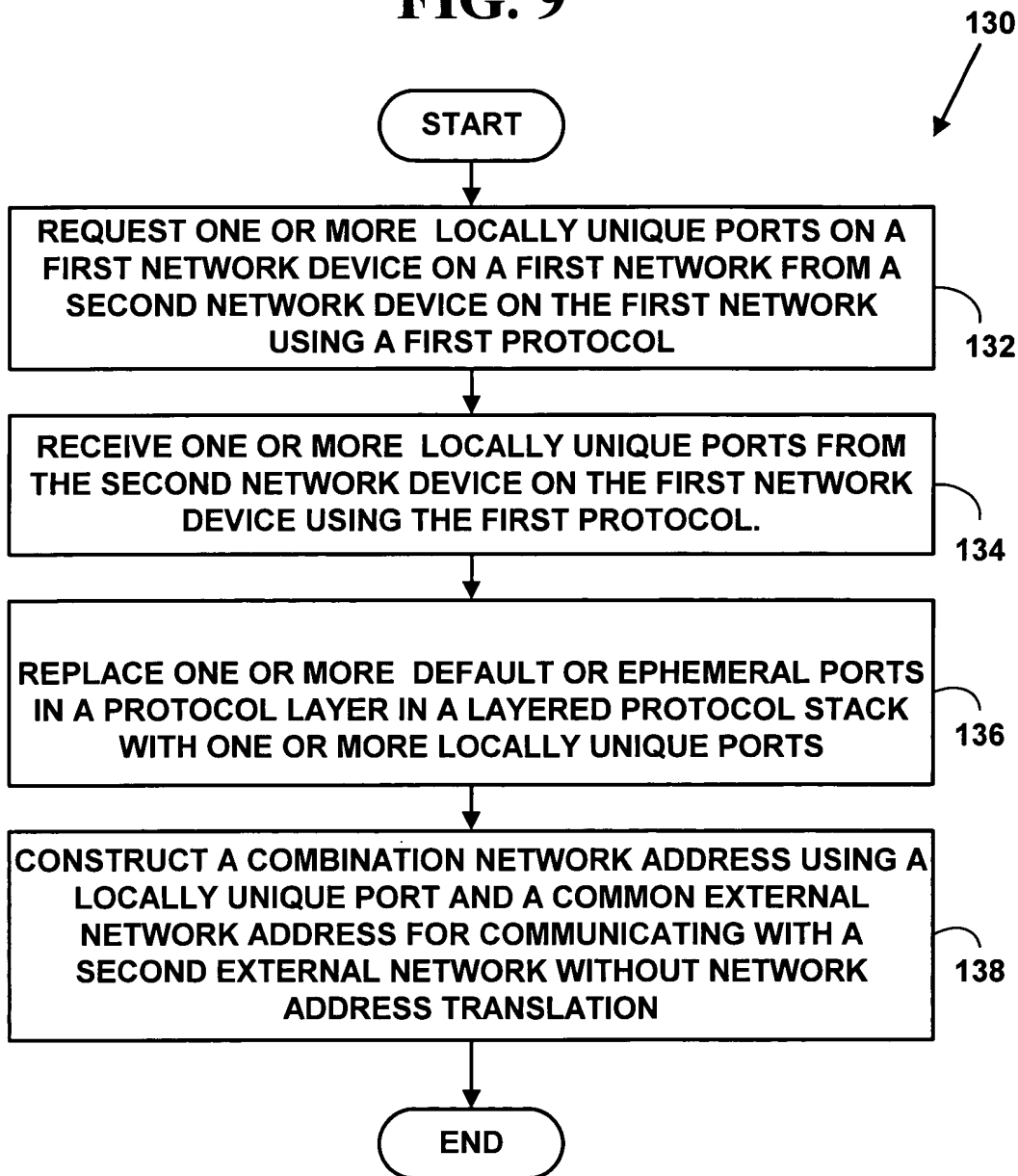
120 122 124 118

INTERNAL NETWORK ADDRESS	LOWEST PORT	NUMBER OF PORTS
10.0.0.1	1027	32
10.0.0.3	1058	16

126 128

PORT-TO-INTERNAL-NETWORK
ADDRESS TABLE

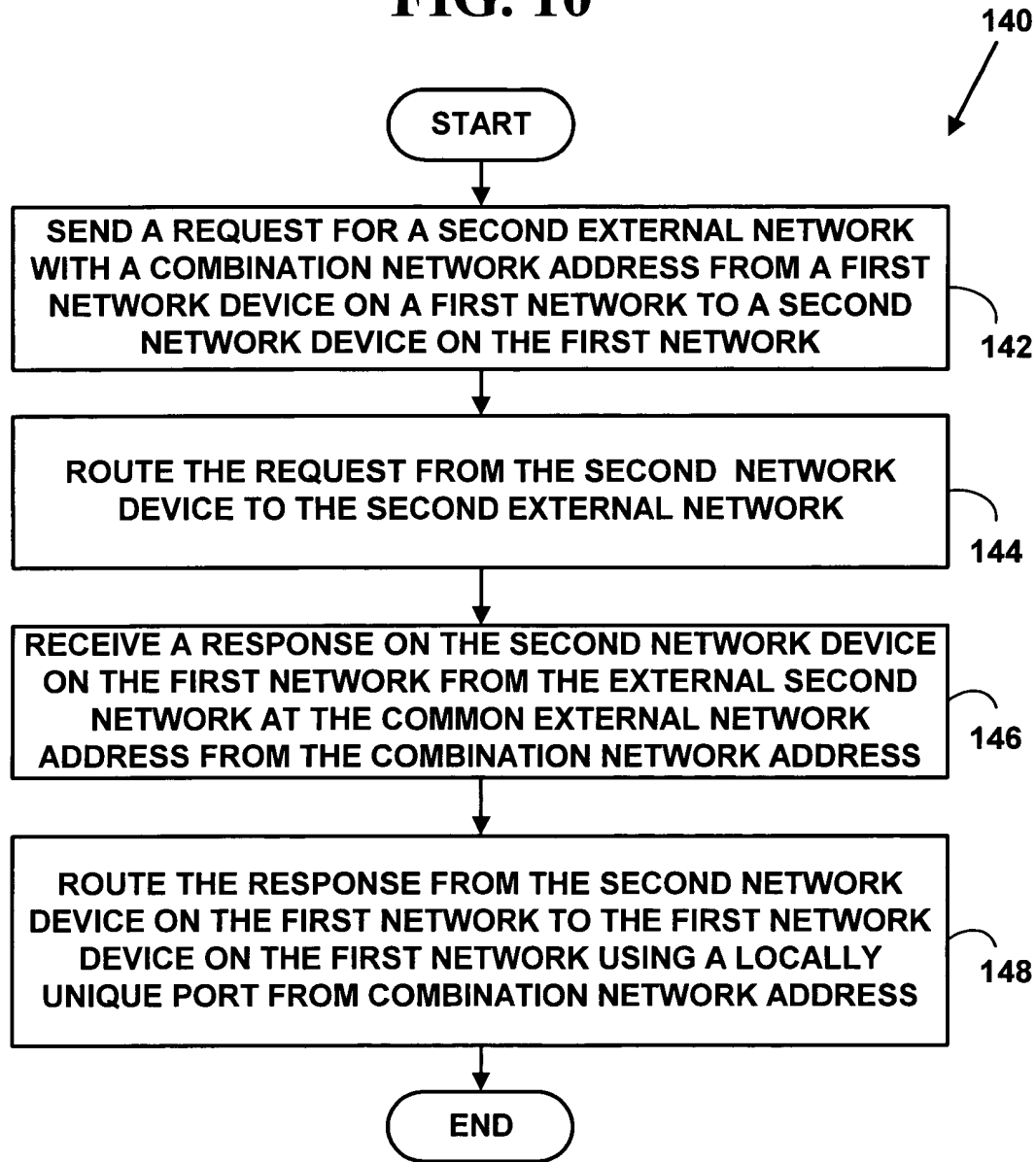
FIG. 9



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APPROVED	O.G. FIG.	
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FIG. 10



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FIG. 11
SOURCE PORT TRANSLATION TABLE
(SPTT)

150

152 DEFAULT PORT		154 TRANSLATED PORT
156 PROTOCOL	158 TIMESTAMP	

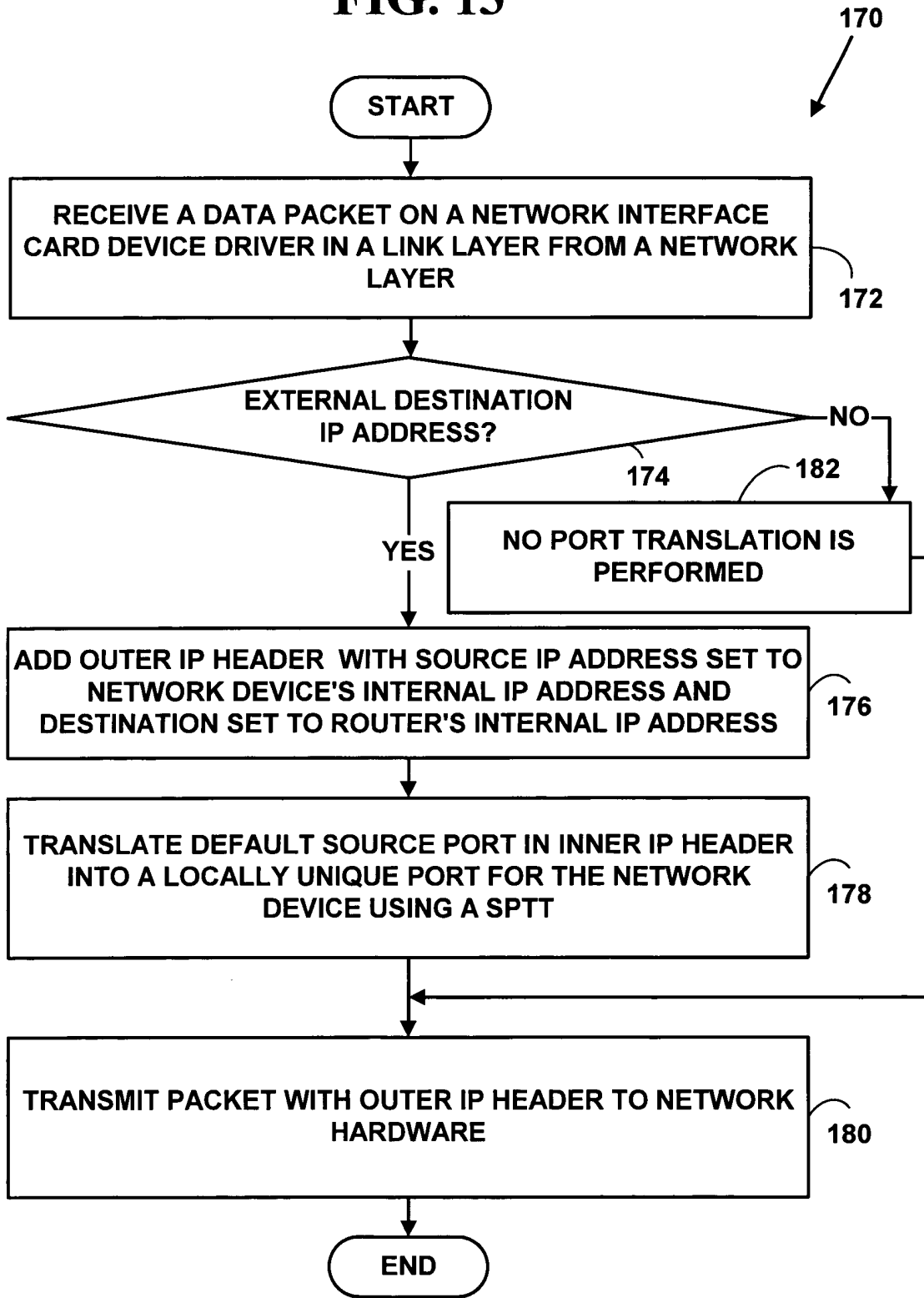
FIG. 12
IP ADDRESS TRANSLATION TABLE
(IPATT)

160

162 DESTINATION PORT	164 INTERNAL DESTINATION IP ADDRESS
166 PROTOCOL	168 TIMESTAMP

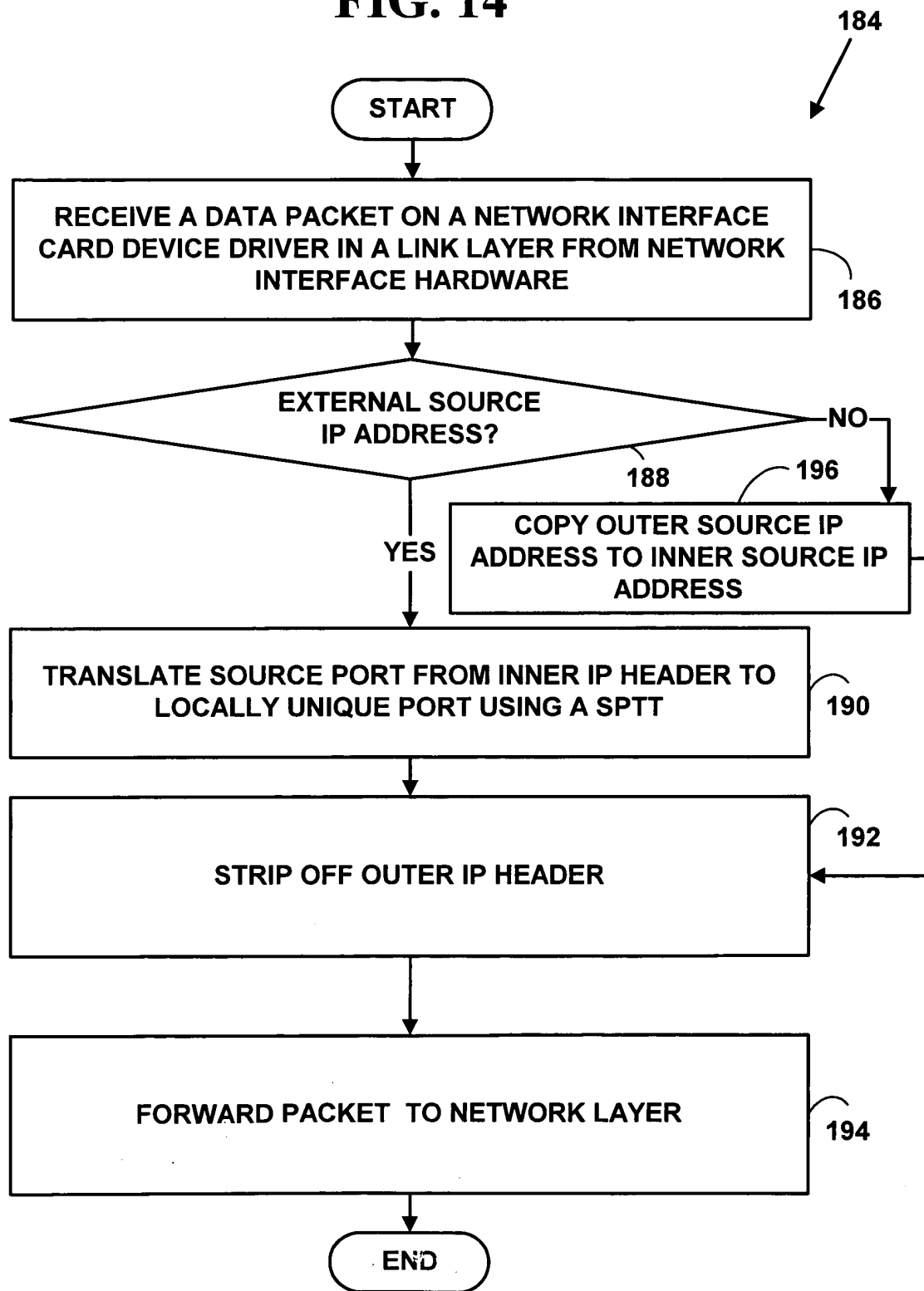
662760-2960260

FIG. 13



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FIG. 14



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 15

200
↙

IP HEADER FORMAT

VER <u>202</u>	IHL <u>204</u>	TOS <u>206</u>	TOTAL LENGTH <u>208</u>
IDENTIFICATION <u>210</u>			FRAGMENT OFFSET <u>212</u>
TIME-TO-LIVE <u>214</u>	PROTOCOL <u>216</u>		HEADER CHECKSUM <u>218</u>
SOURCE ADDRESS <u>220</u>			
DESTINATION ADDRESS <u>222</u>			
OPTIONS <u>224</u>			

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 16

AH HEADER FORMAT

226



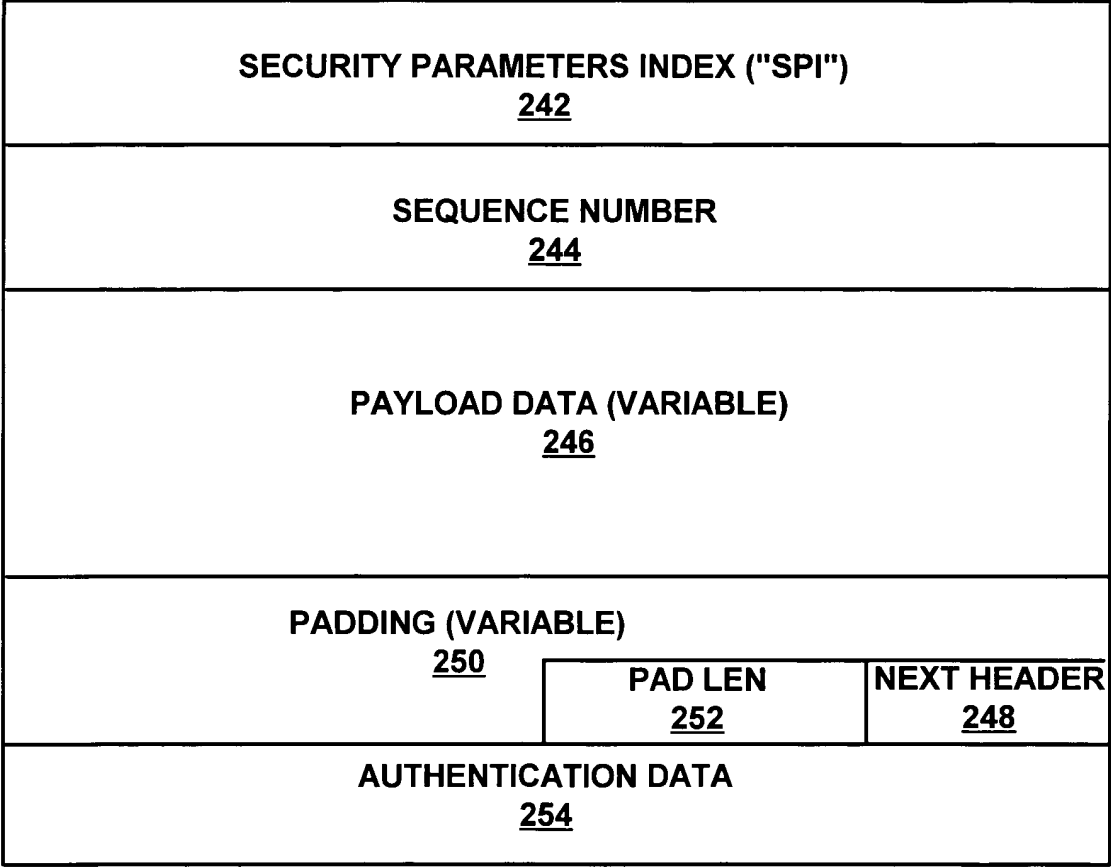
NEXT HEADER <u>228</u>	PAYLOAD LENGTH <u>230</u>	RESERVED <u>232</u>
SECURITY PARAMETER INDEX ("SPI") <u>234</u>		
SEQUENCE NUMBER FIELD <u>236</u>		
AUTHENTICATION DATA <u>238</u>		

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FIG. 17

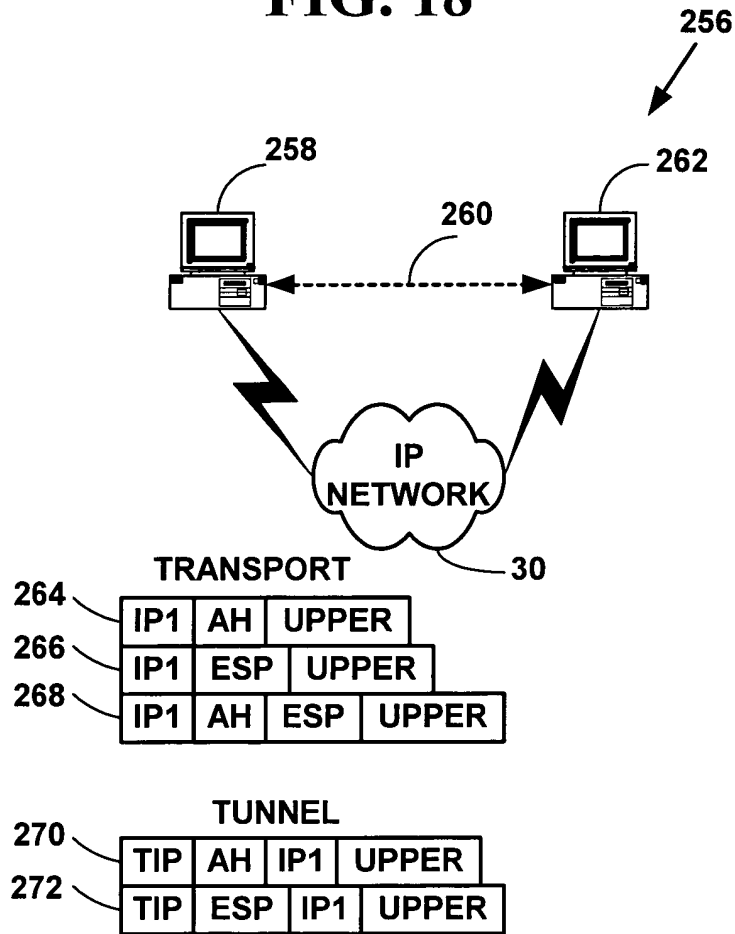
ESP HEADER FORMAT

240



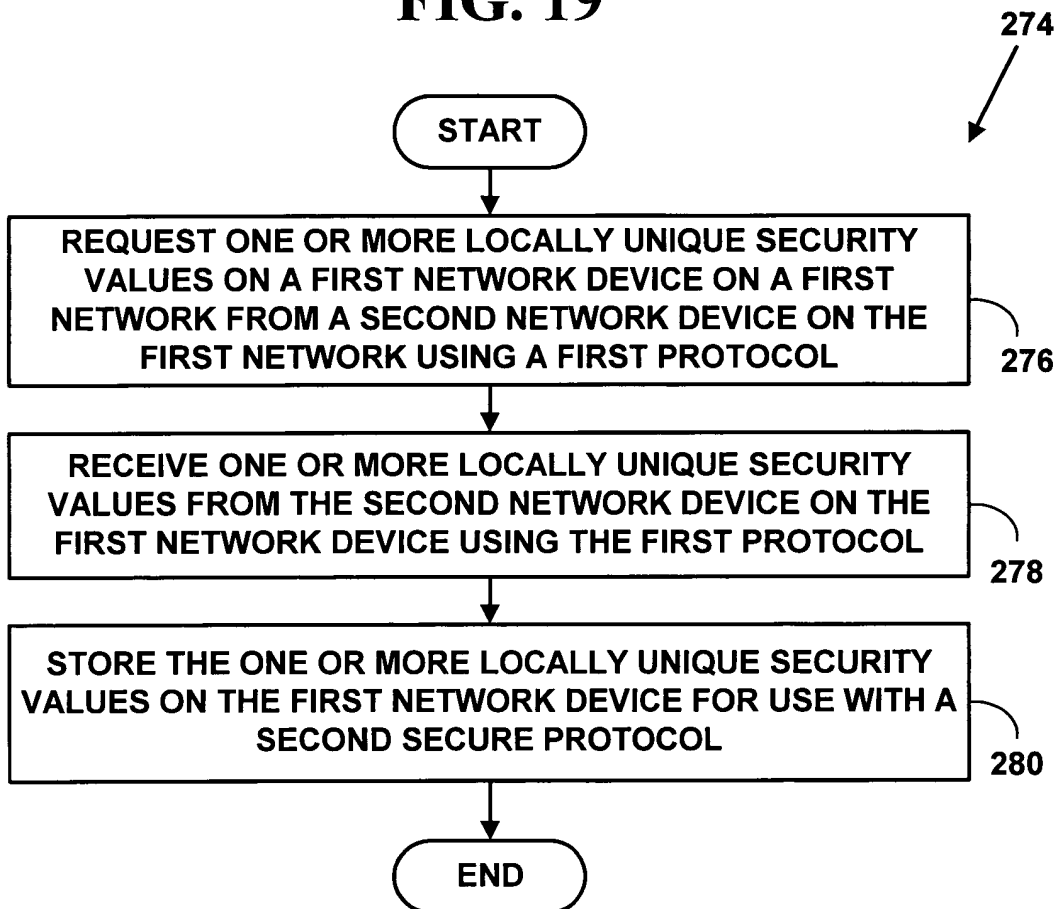
09270967-031799

FIG. 18



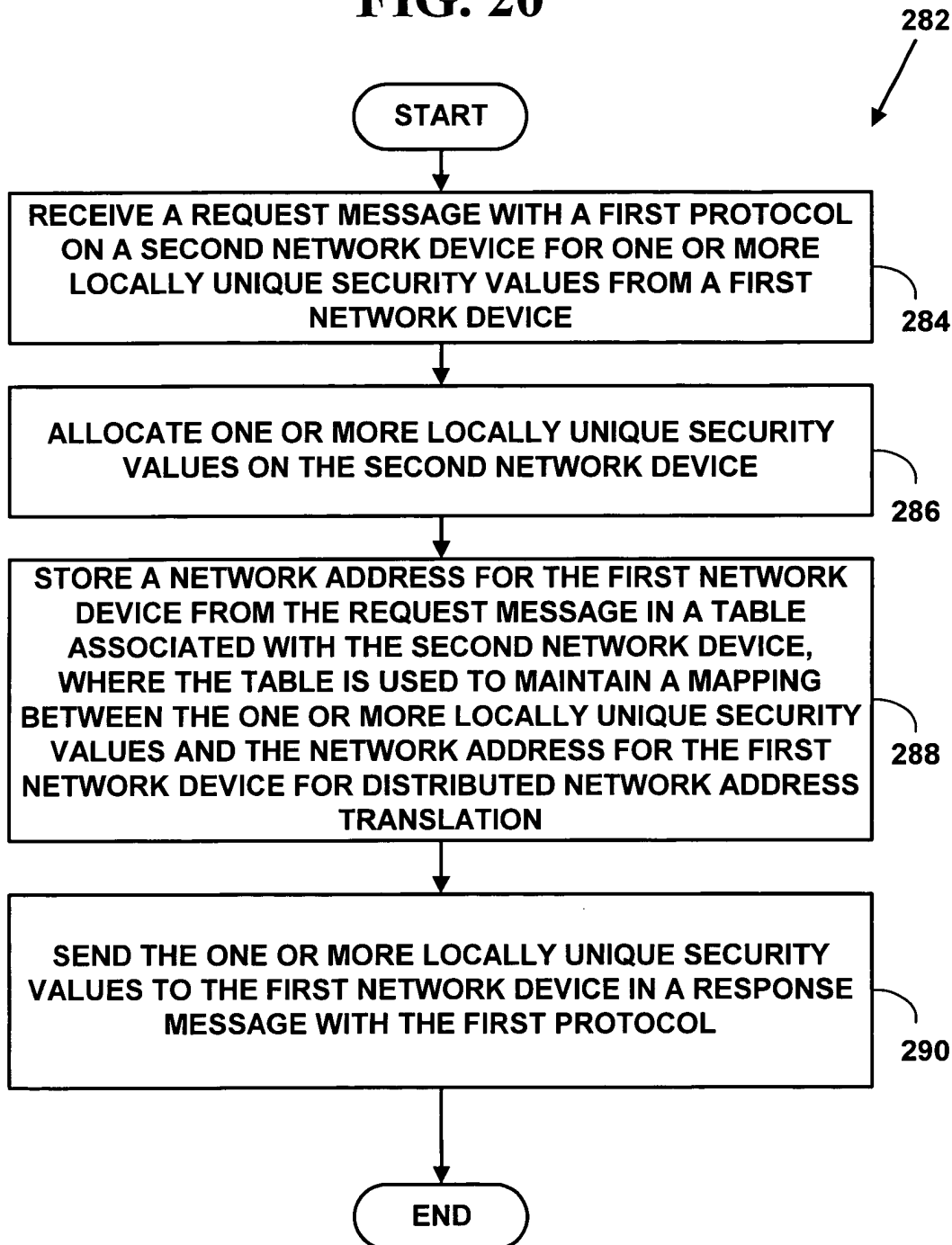
09270967-03799

FIG. 19



6627ED 2960260

FIG. 20



6527E3" 2960266

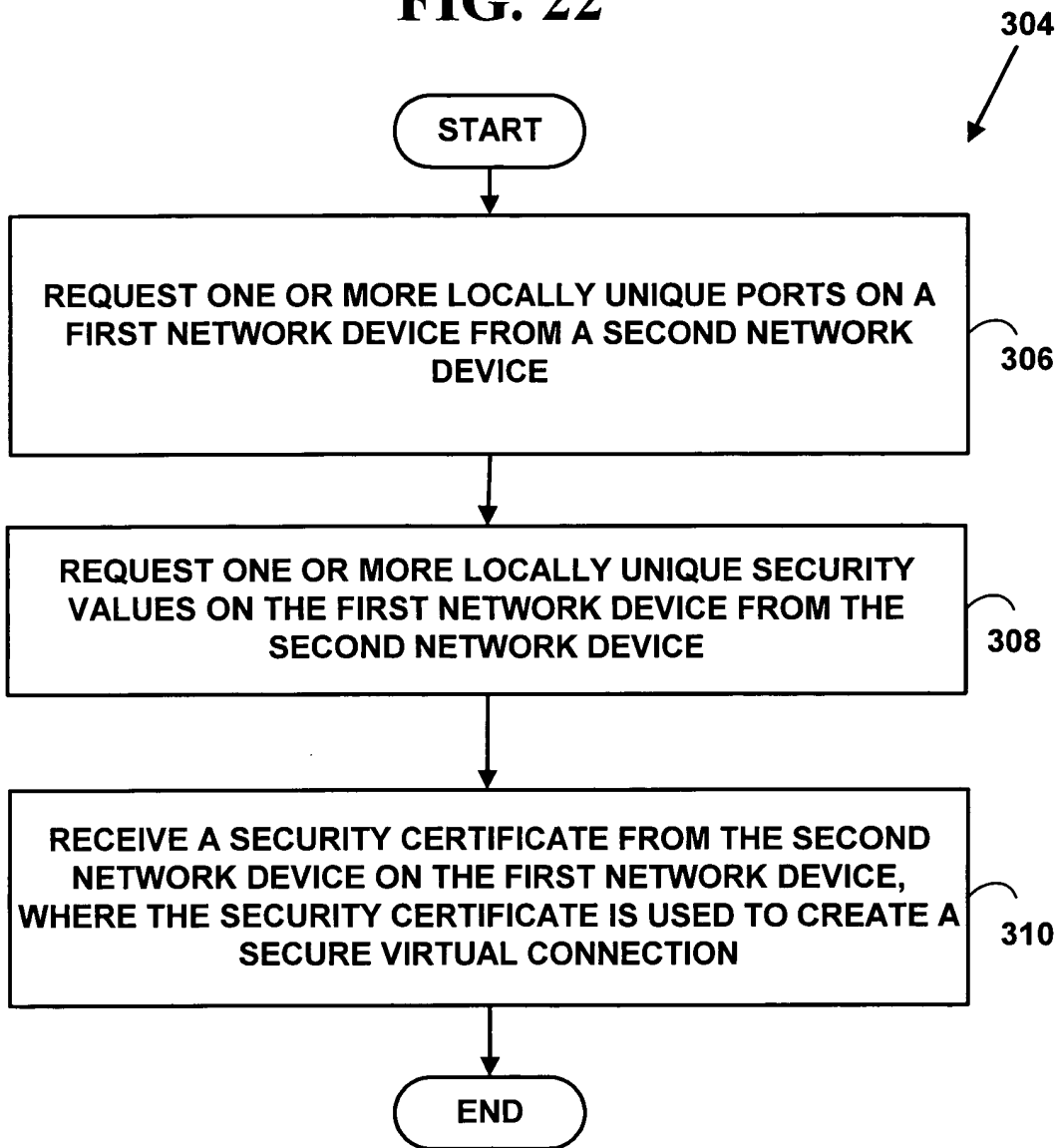
FIG. 21

<div> <div>294</div> <div>296</div> <div>298</div> </div>			292
INTERNAL NETWORK ADDRESS	LOWEST SPI	NUMBER OF SPIs	
10.0.0.1	280	32	300
10.0.0.3	312	16	302

**SPI-TO-INTERNAL-NETWORK ADDRESS
TABLE**

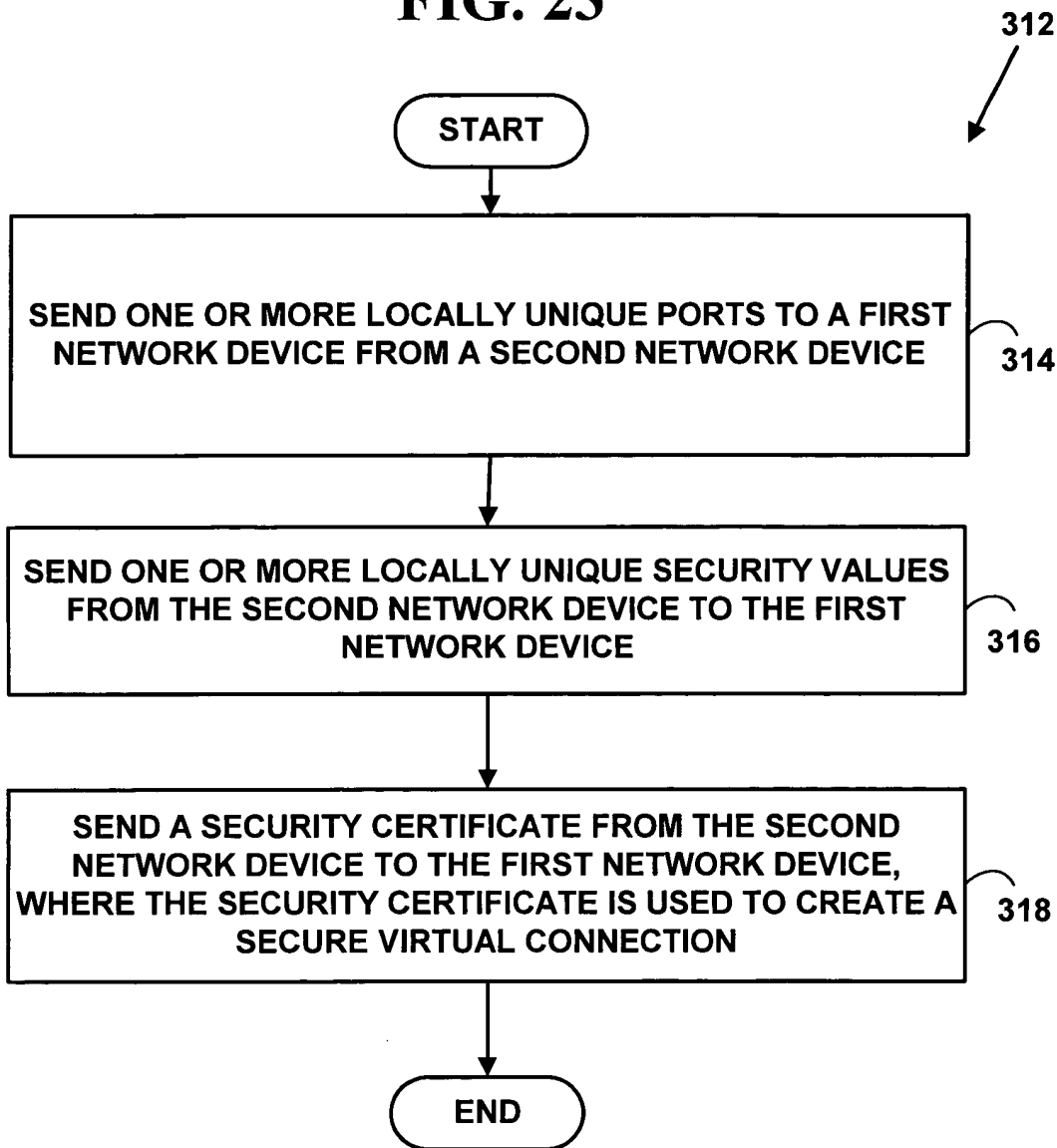
6627E0-2960260

FIG. 22



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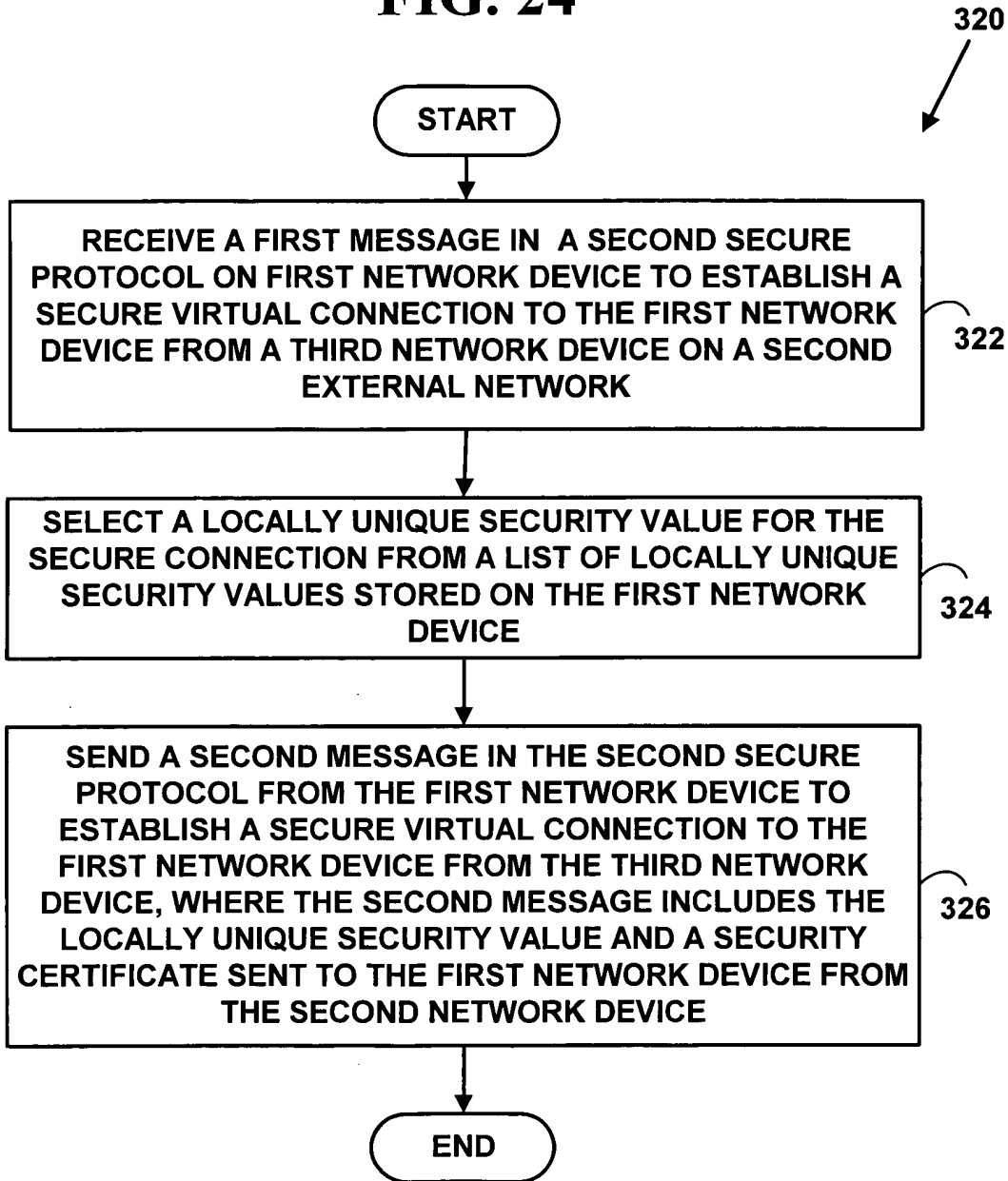
FIG. 23



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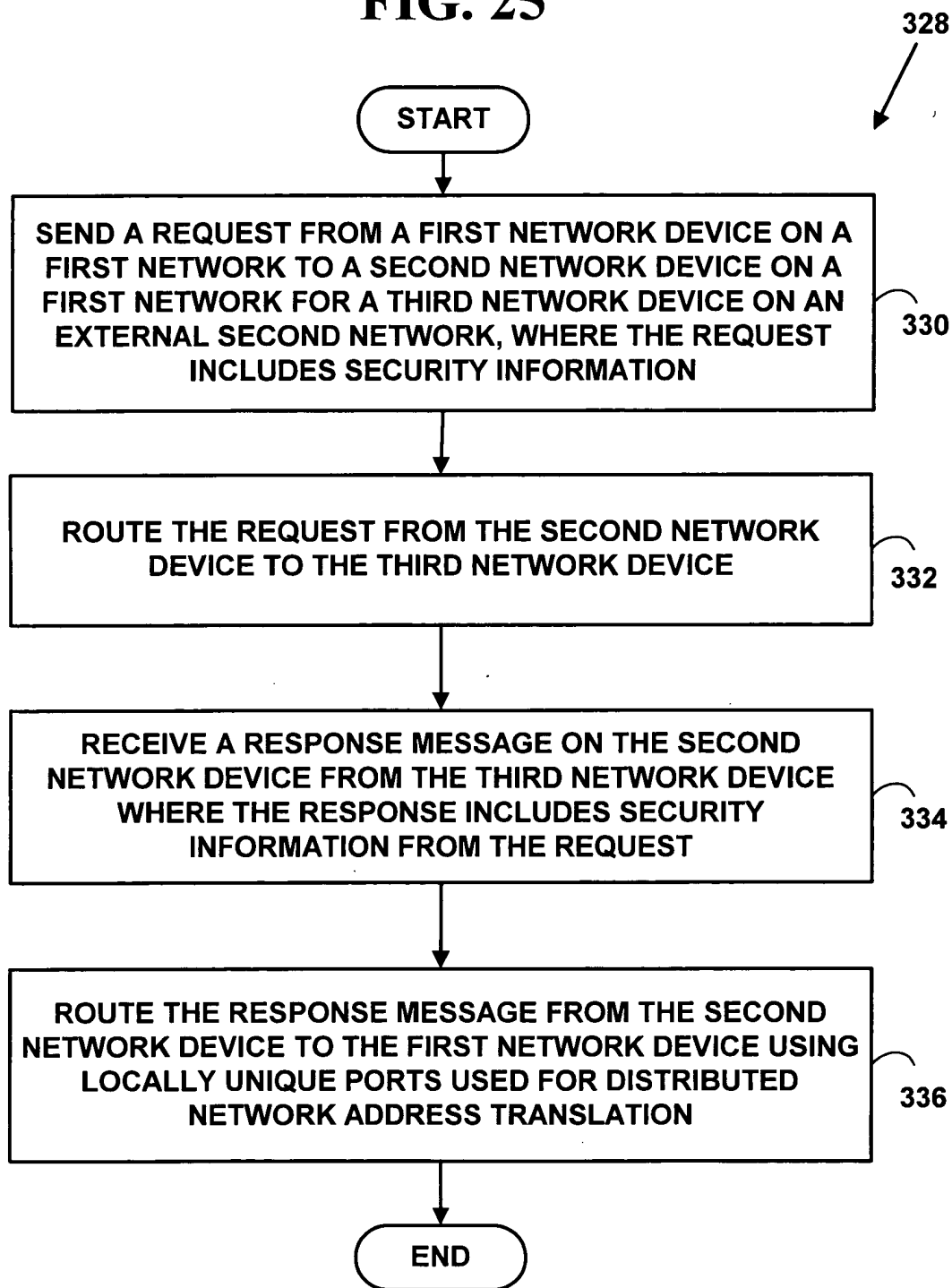
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 24



09/06/2009 09:26:00

FIG. 25



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